FORMULA (I)

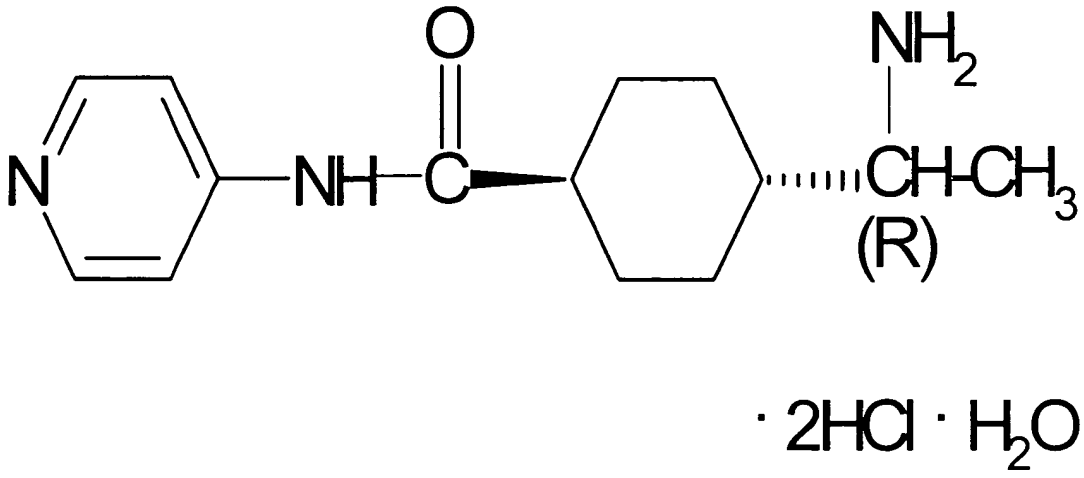

FIG. 1

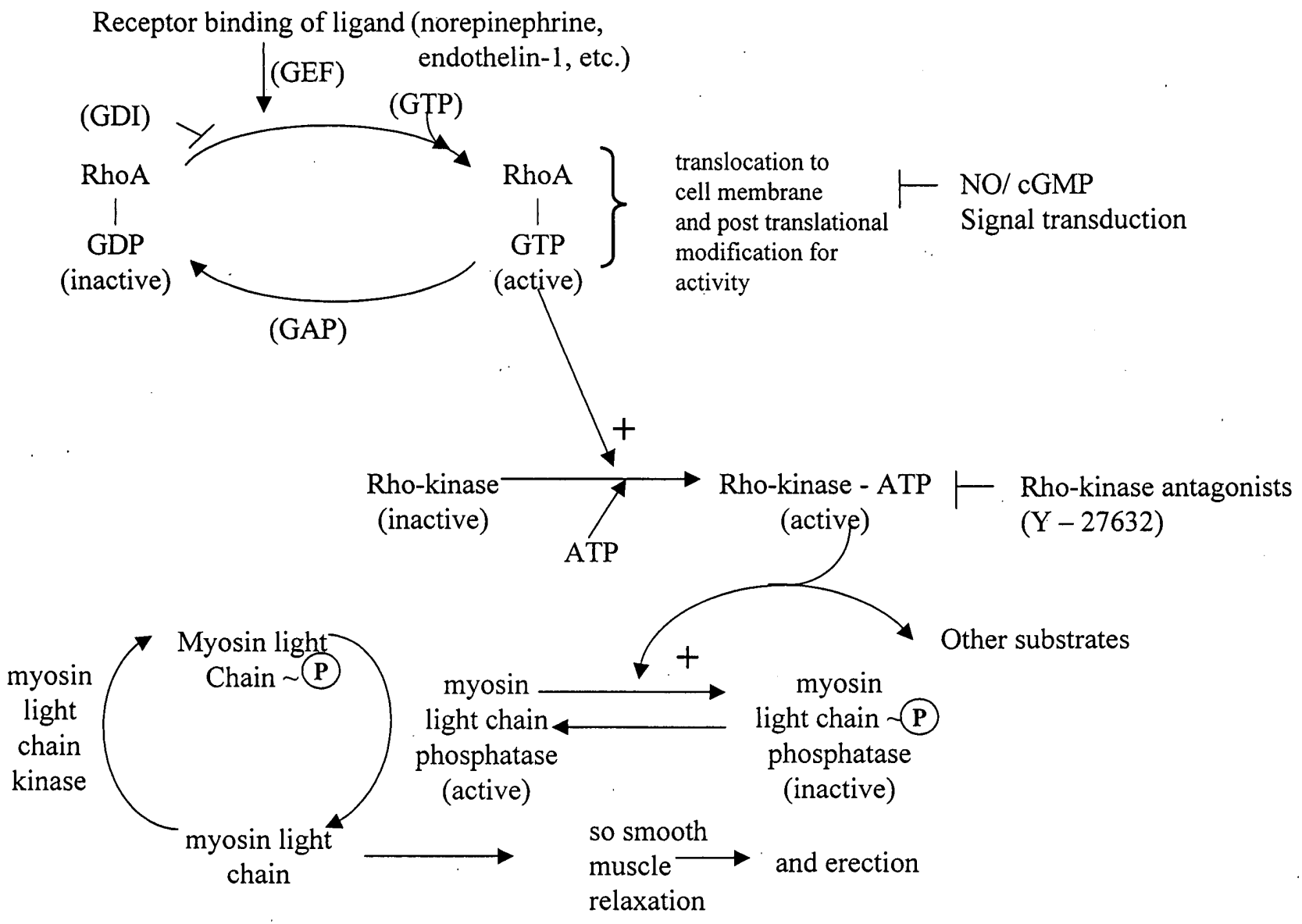

FIG. 2

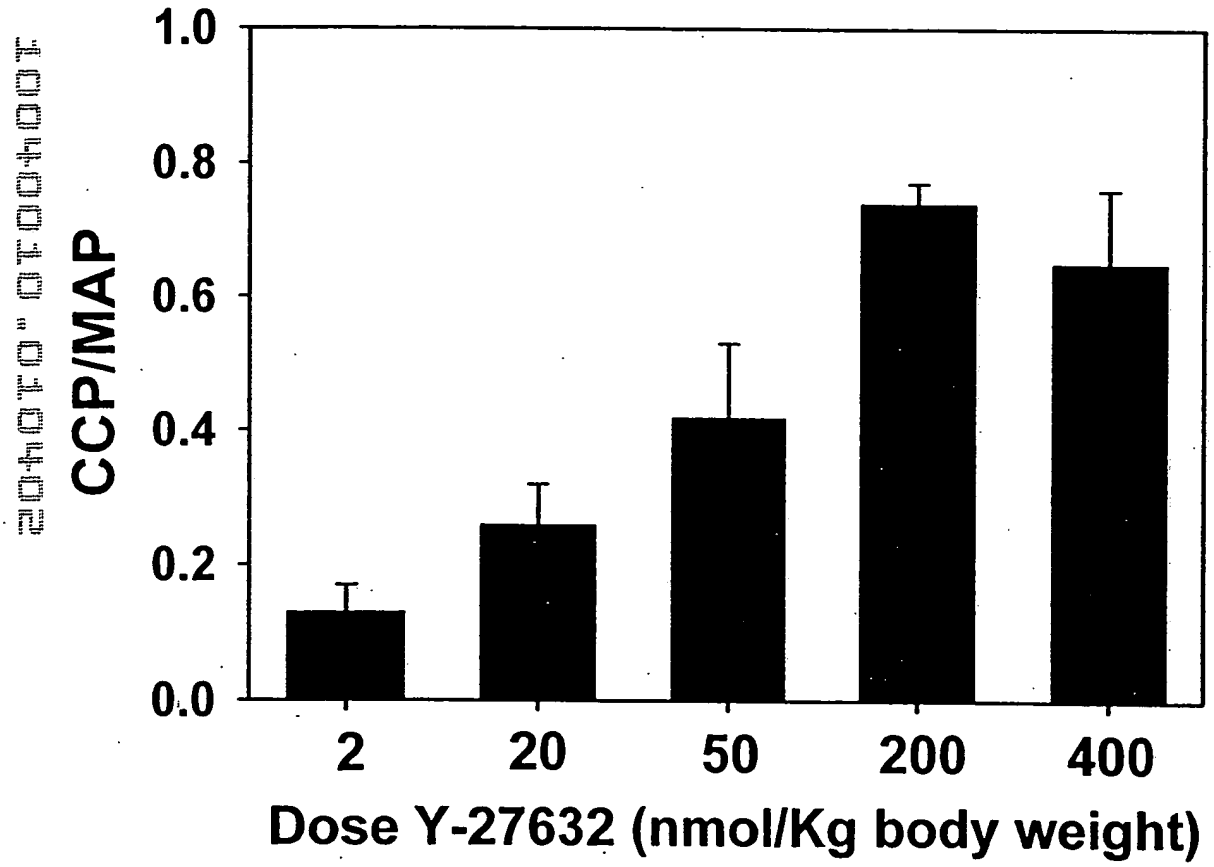
CCP/MAP
1.0
0.8
0.6
0.4
0.2
0.0
2
20
50
200
400
Dose Y-27632 (nmol/Kg body weight)

FIG. 3A

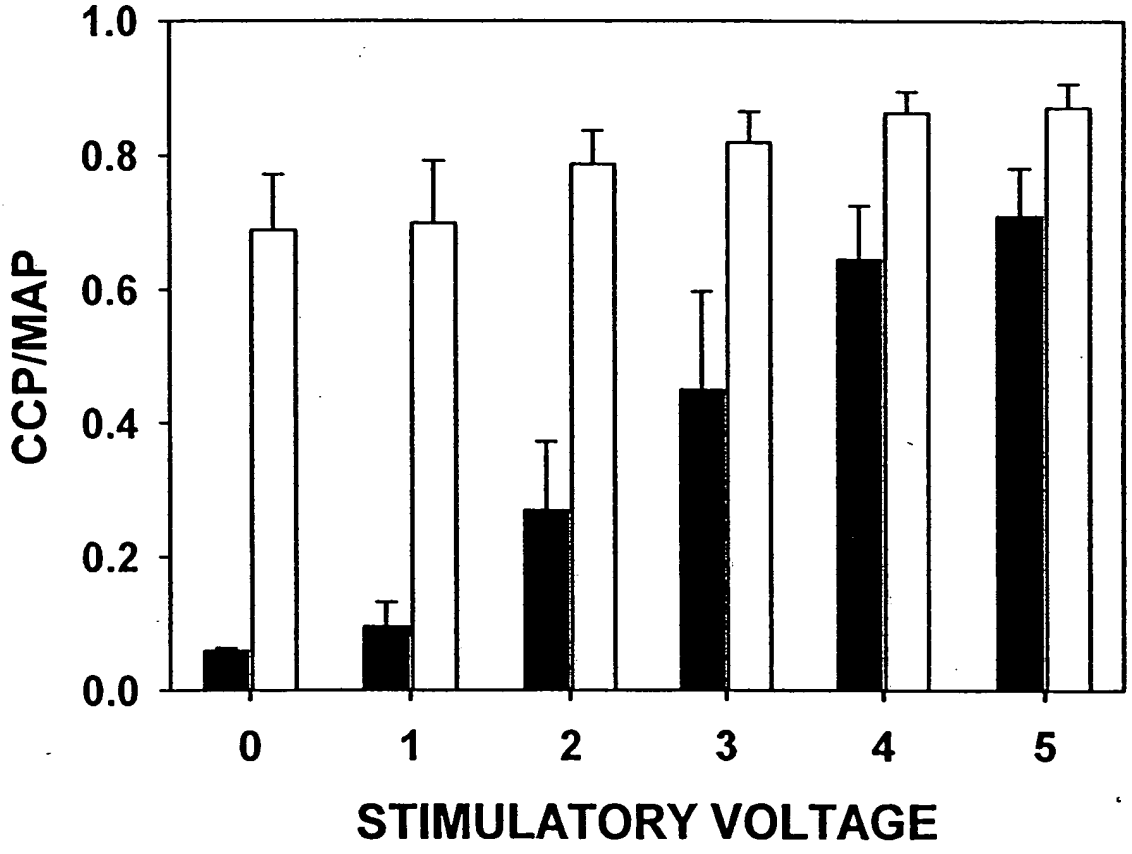

FIG. 3B

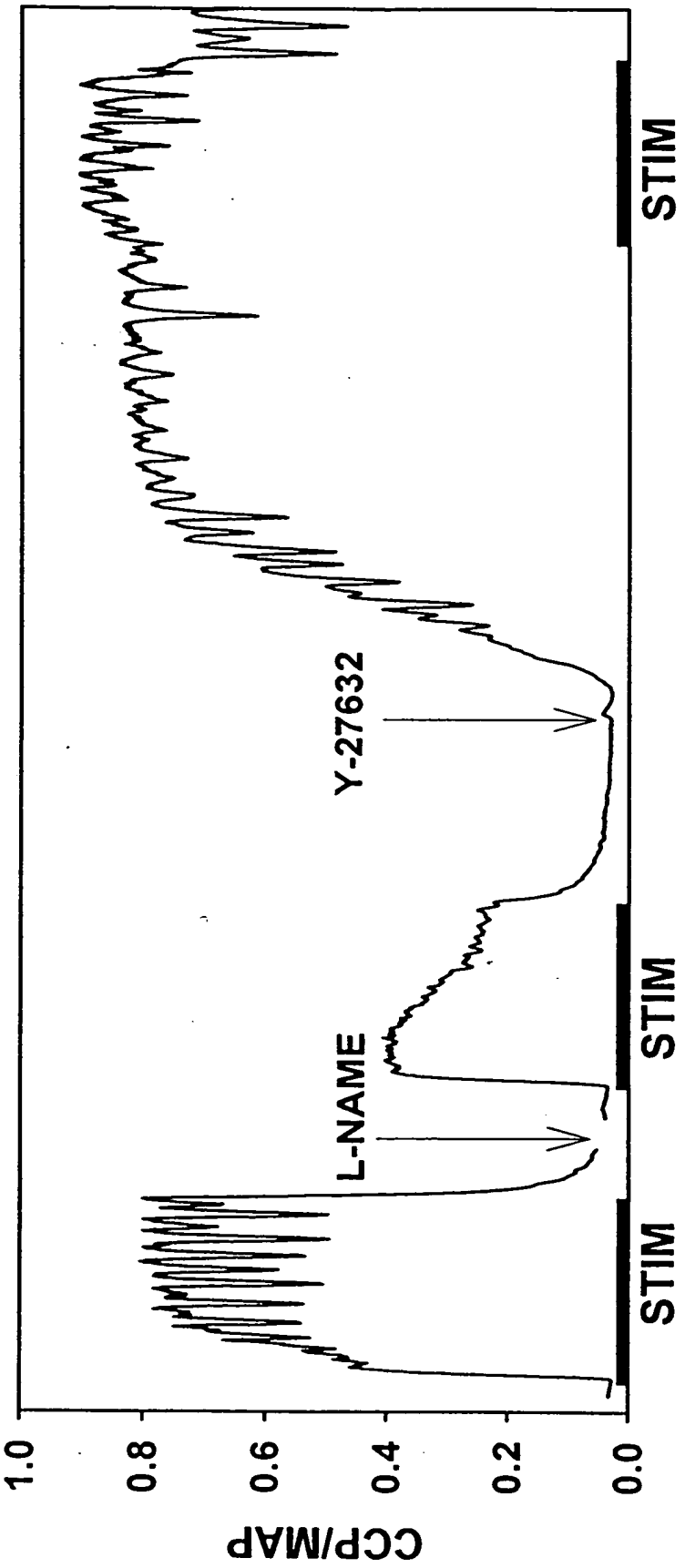

FIG. 4A

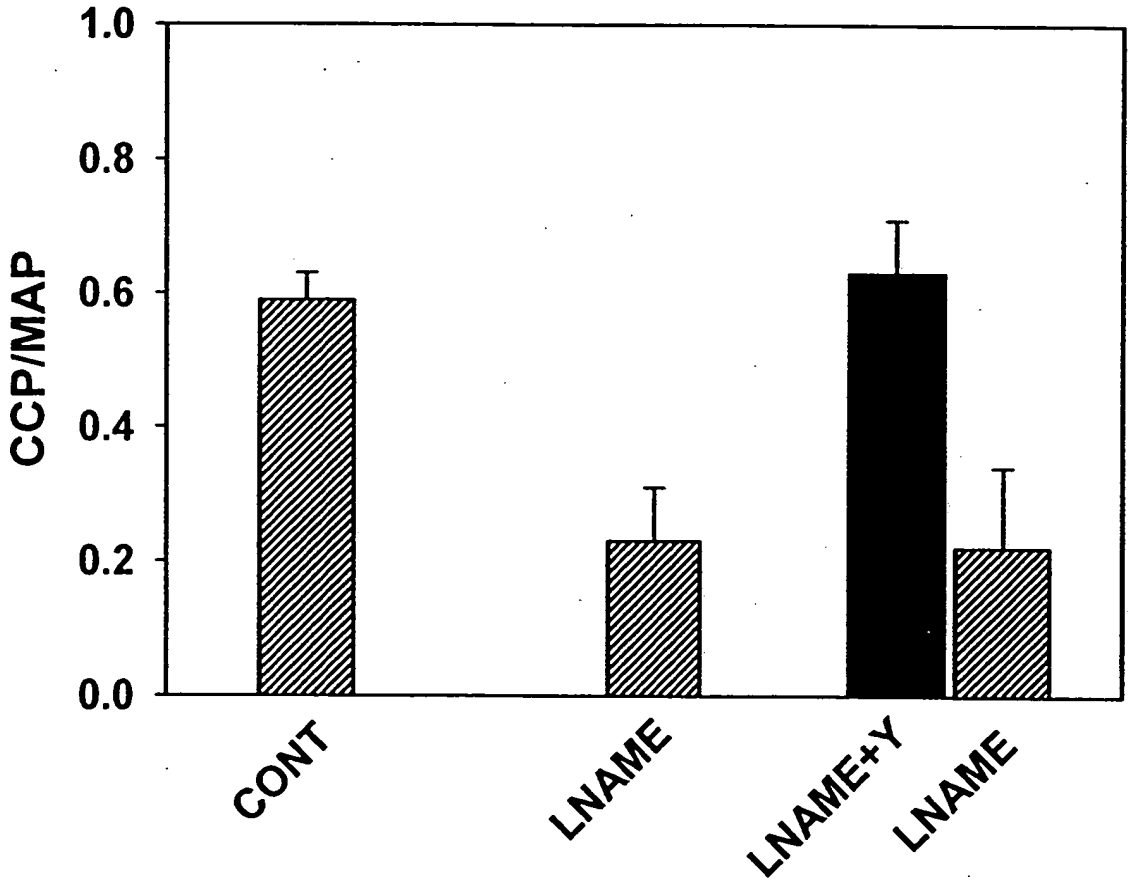

FIG. 4B

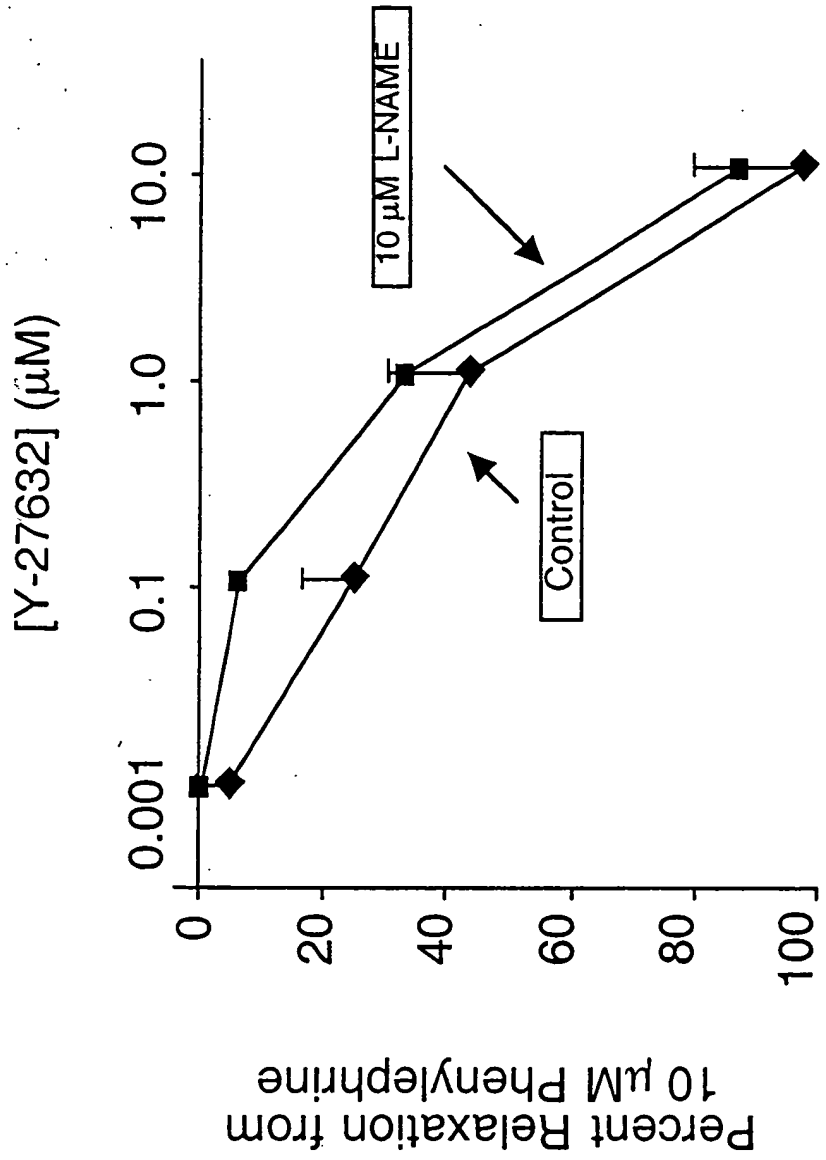
Percent Relaxation from
10 μM Phenylephrine
0
20
40
60
80
100
0.001
0.1
1.0
10.0
[Y-27632] (μM)
10 μM L-NAME
Control

FIG. 5A

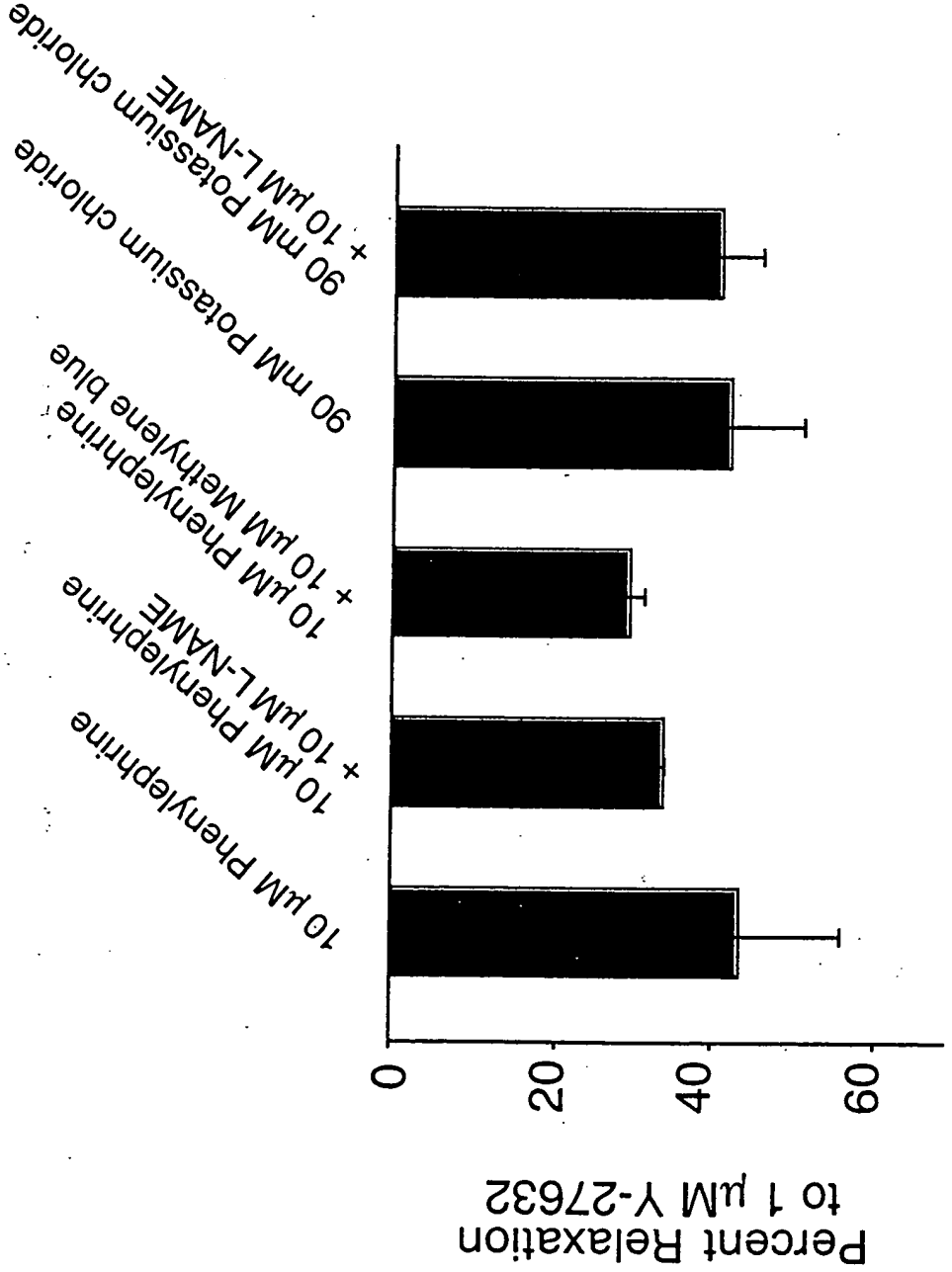

FIG. 5B

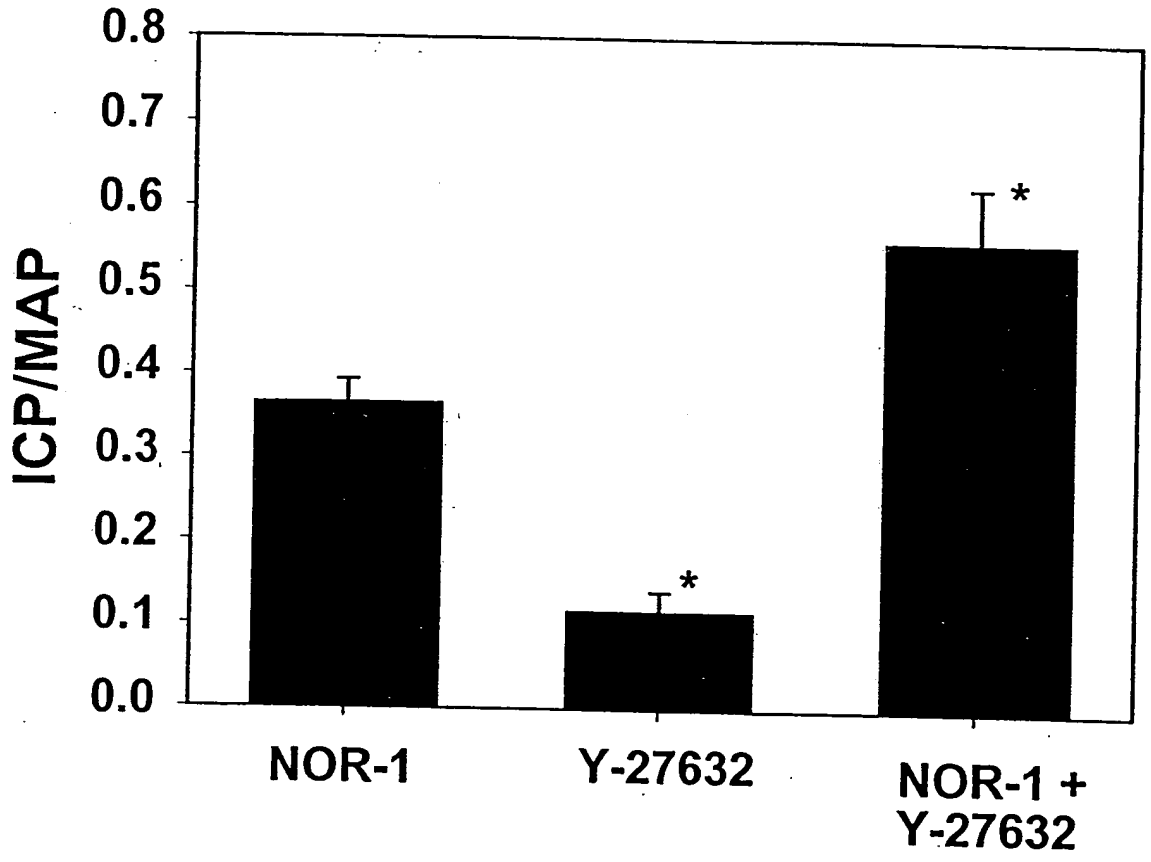

FIG. 6

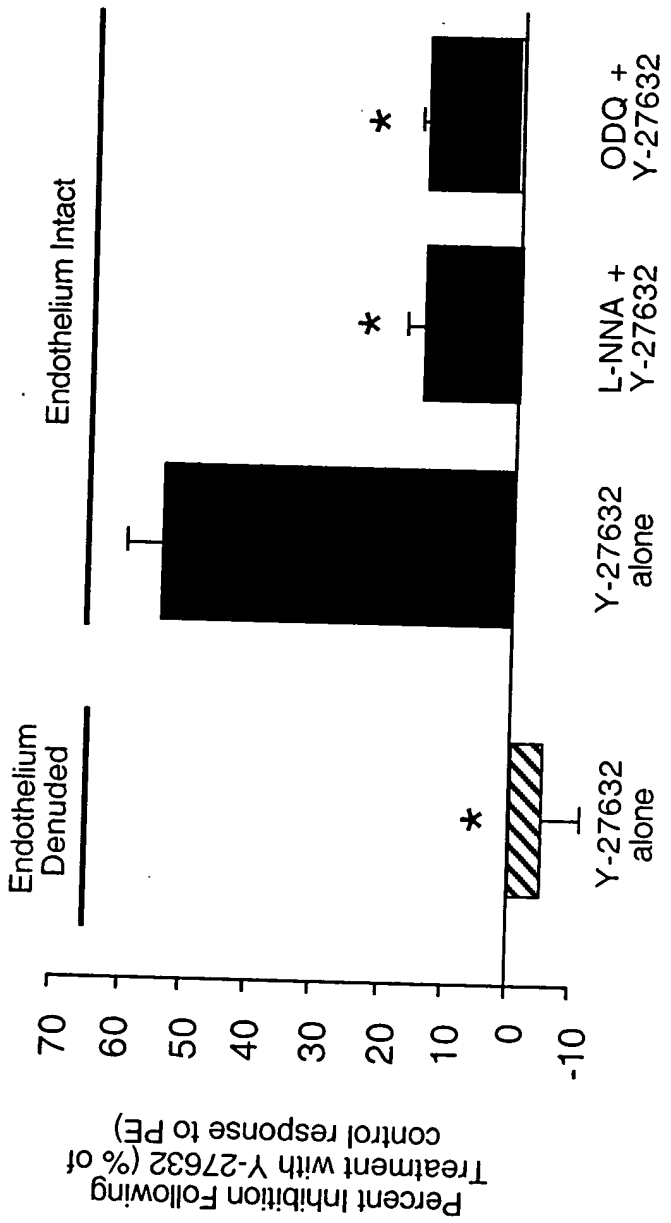
Endothelium Denuded
Endothelium Intact
Percent Inhibition Following Treatment with Y-27632 (% of control response to PE)
70
60
50
40
30
20
10
0
-10
*
*
*
Y-27632 alone
Y-27632 alone
L-NNA + Y-27632
ODQ + Y-27632

FIG. 7A

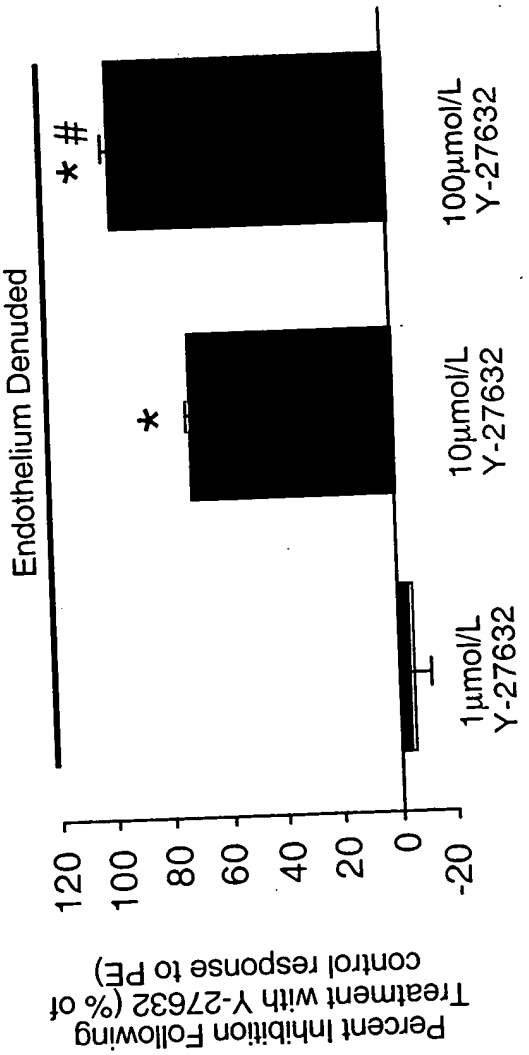
Endothelium Denuded
* #
*
1µmol/L Y-27632
10µmol/L Y-27632
100µmol/L Y-27632
120
100
80
60
40
20
0
-20
Percent Inhibition Following Treatment with Y-27632 (% of control response to PE)

FIG. 7B

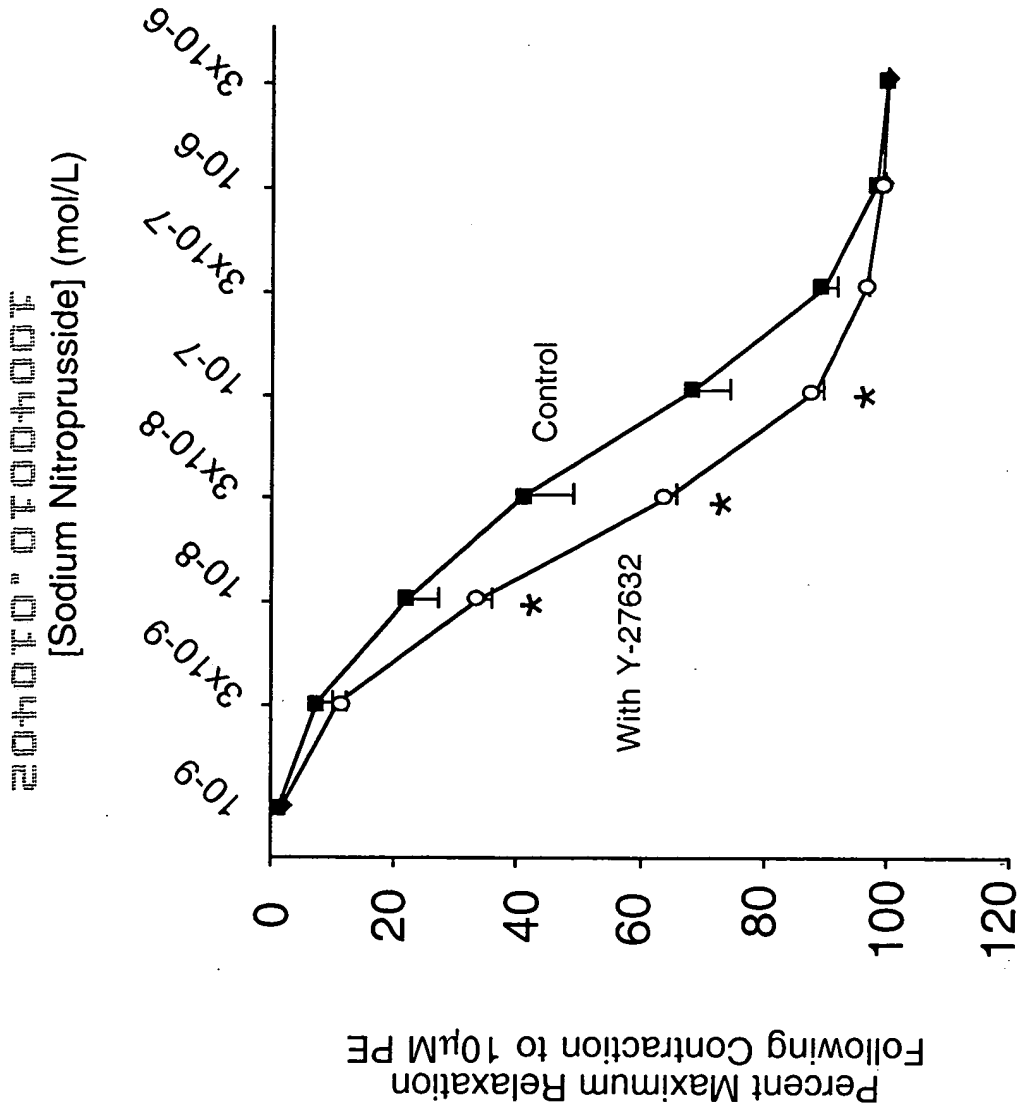
Percent Maximum Relaxation
Following Contraction to 10μM PE
0
20
40
60
80
100
120
10-9
3X10-9
10-8
3X10-8
10-7
3X10-7
10-6
3X10-6
[Sodium Nitroprusside] (mol/L)
Control
With Y-27632
*
*
*

FIG. 7C

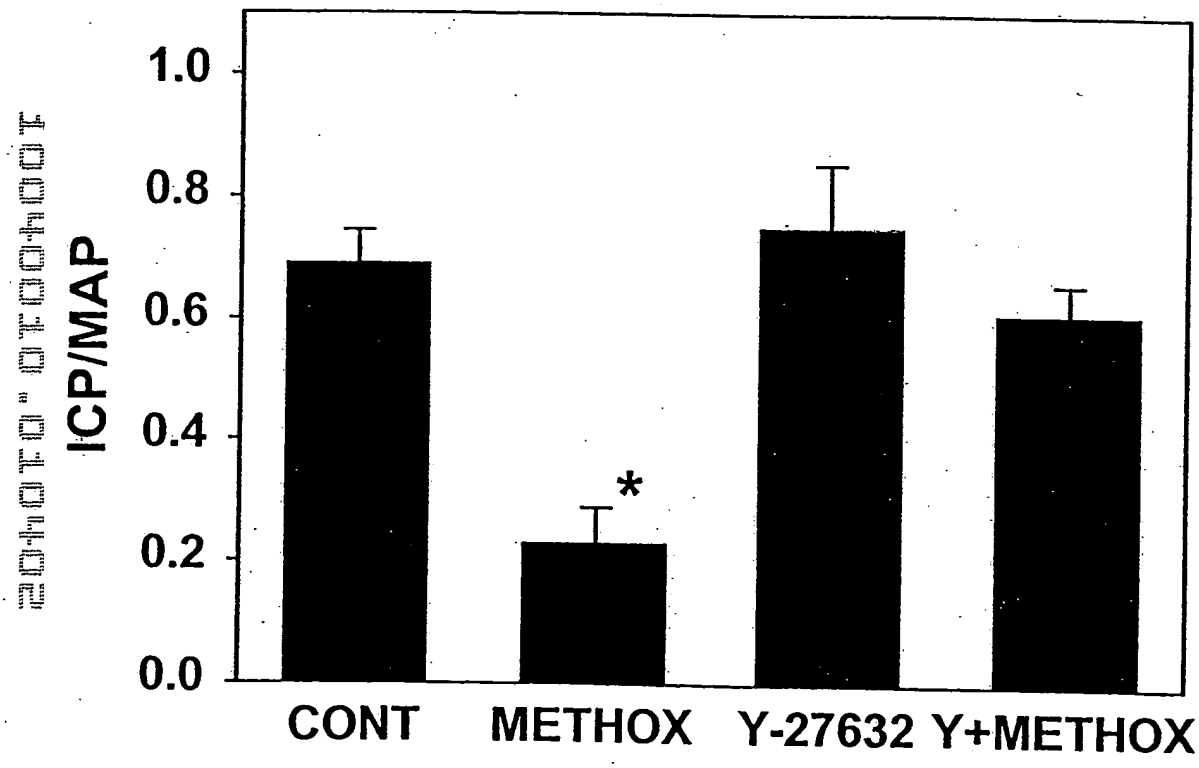

FIG. 8

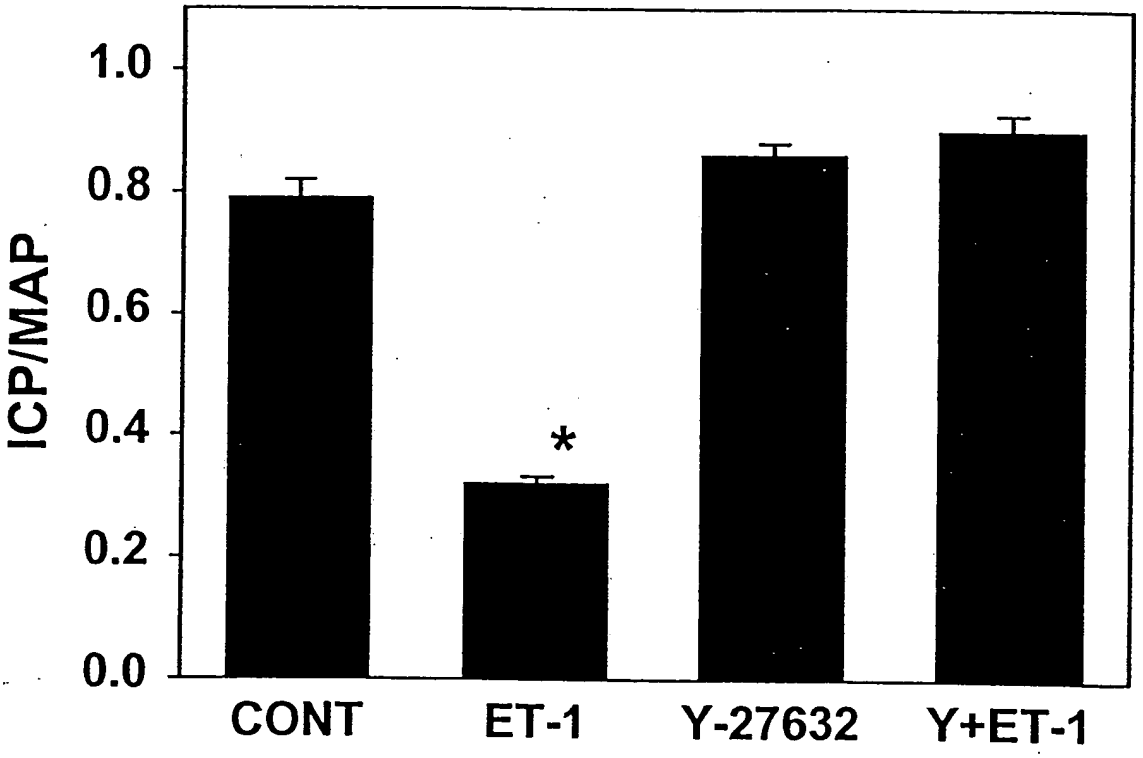

FIG. 9

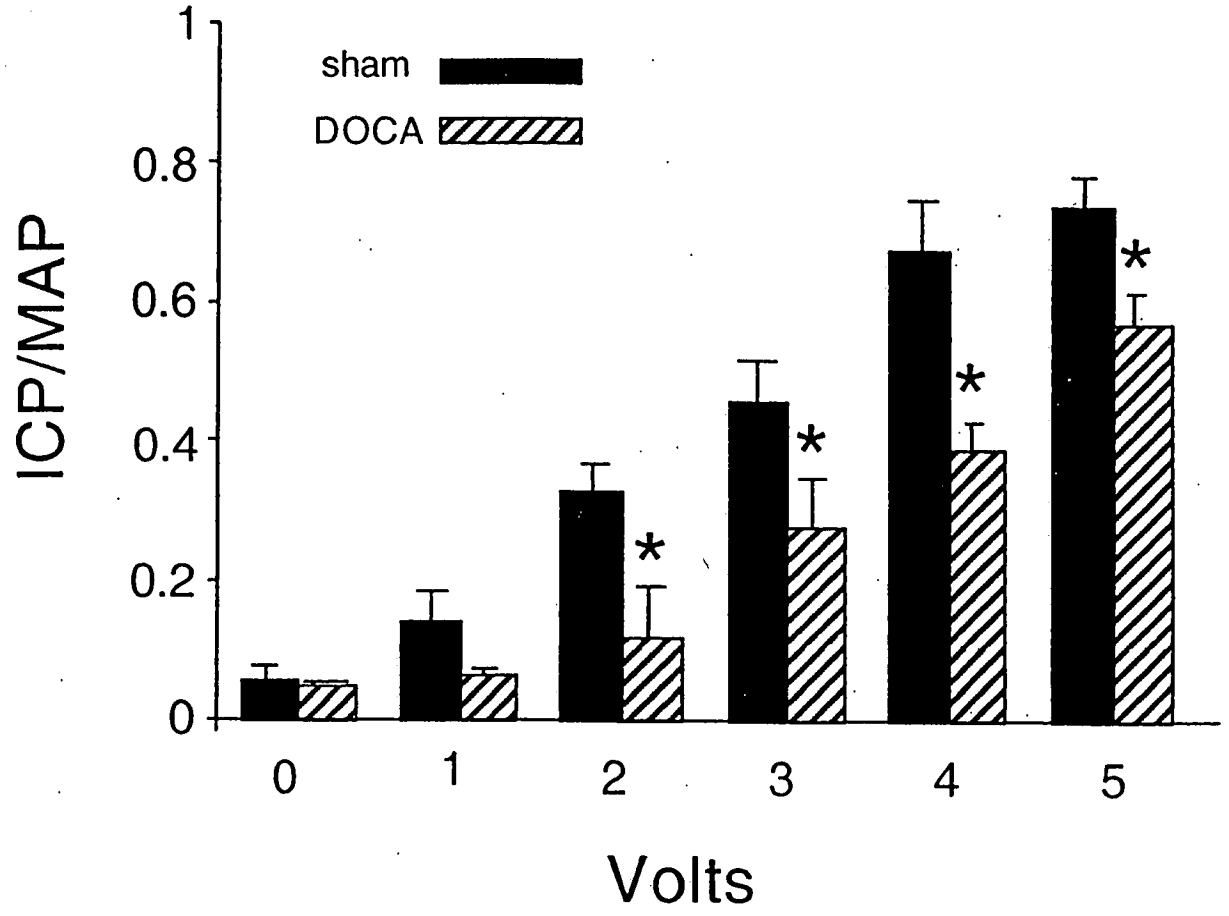

FIG. 10A

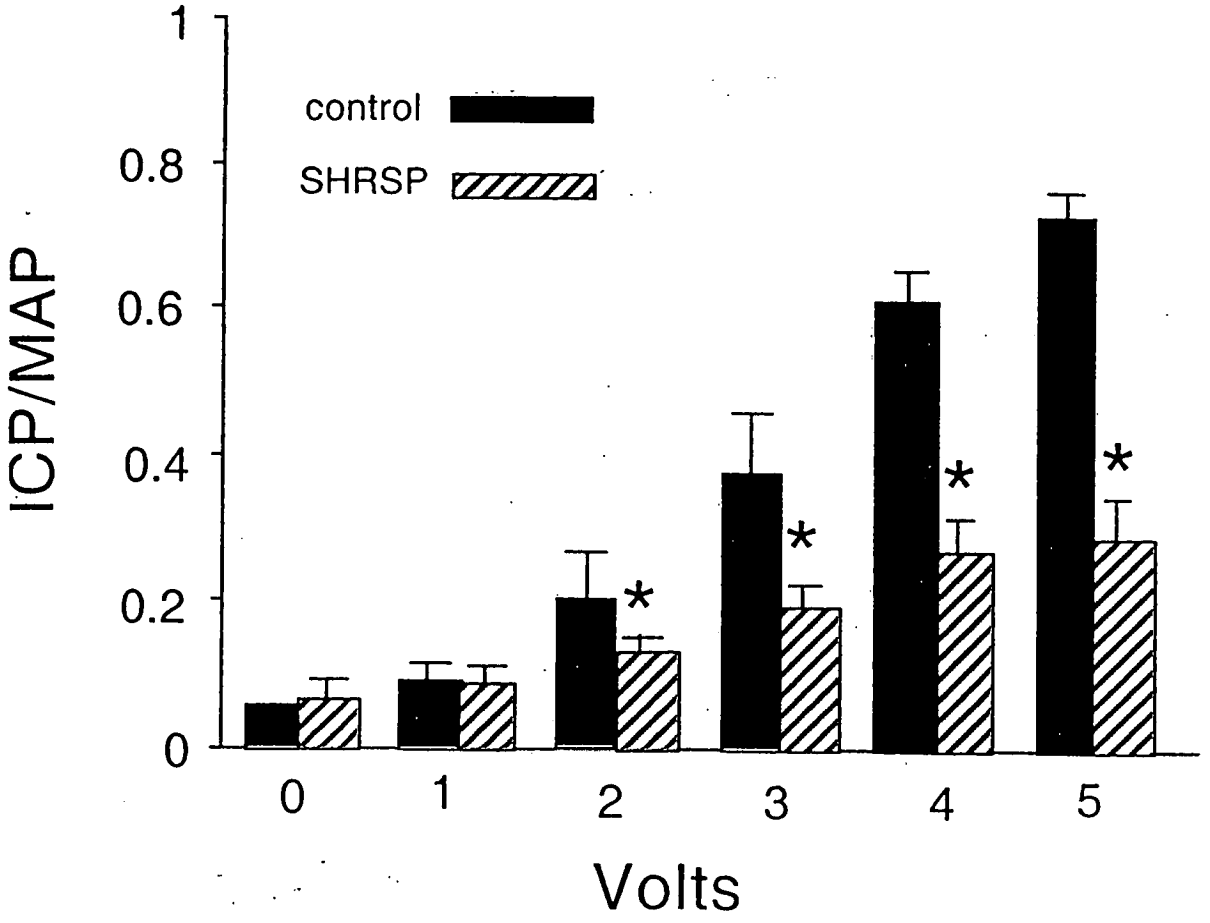

FIG. 10B

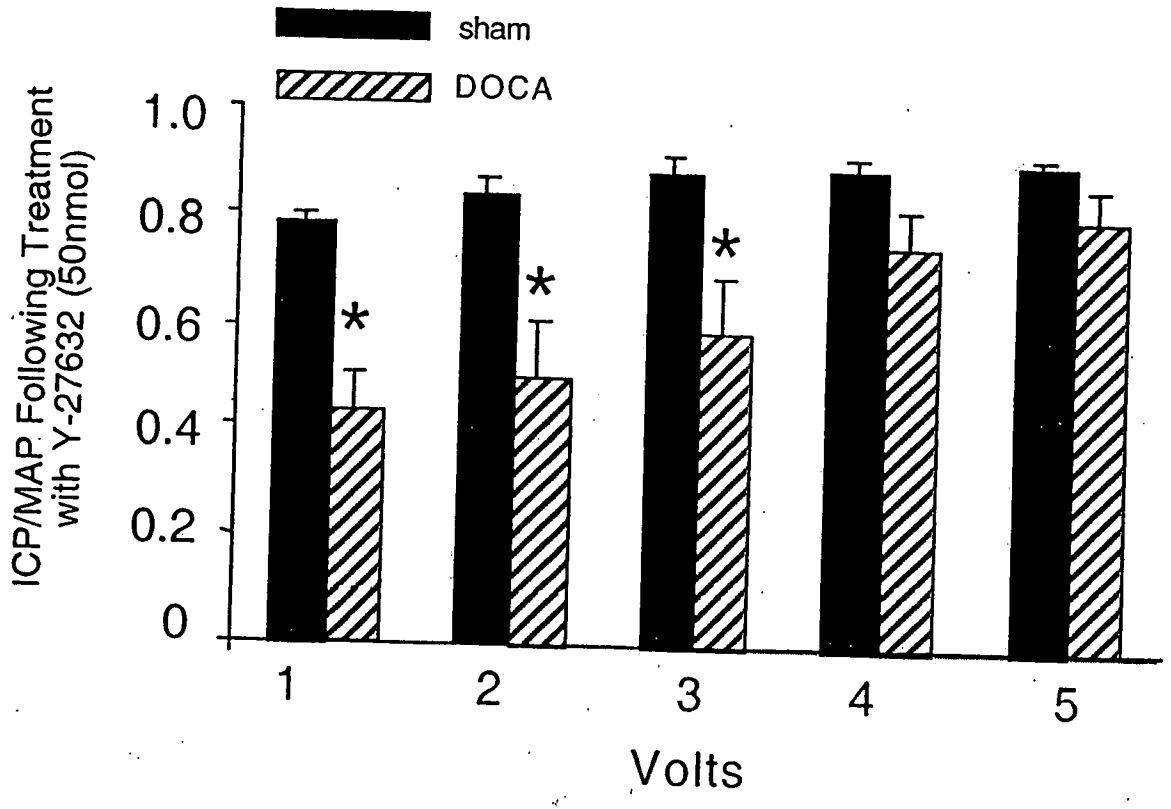

FIG. 10C

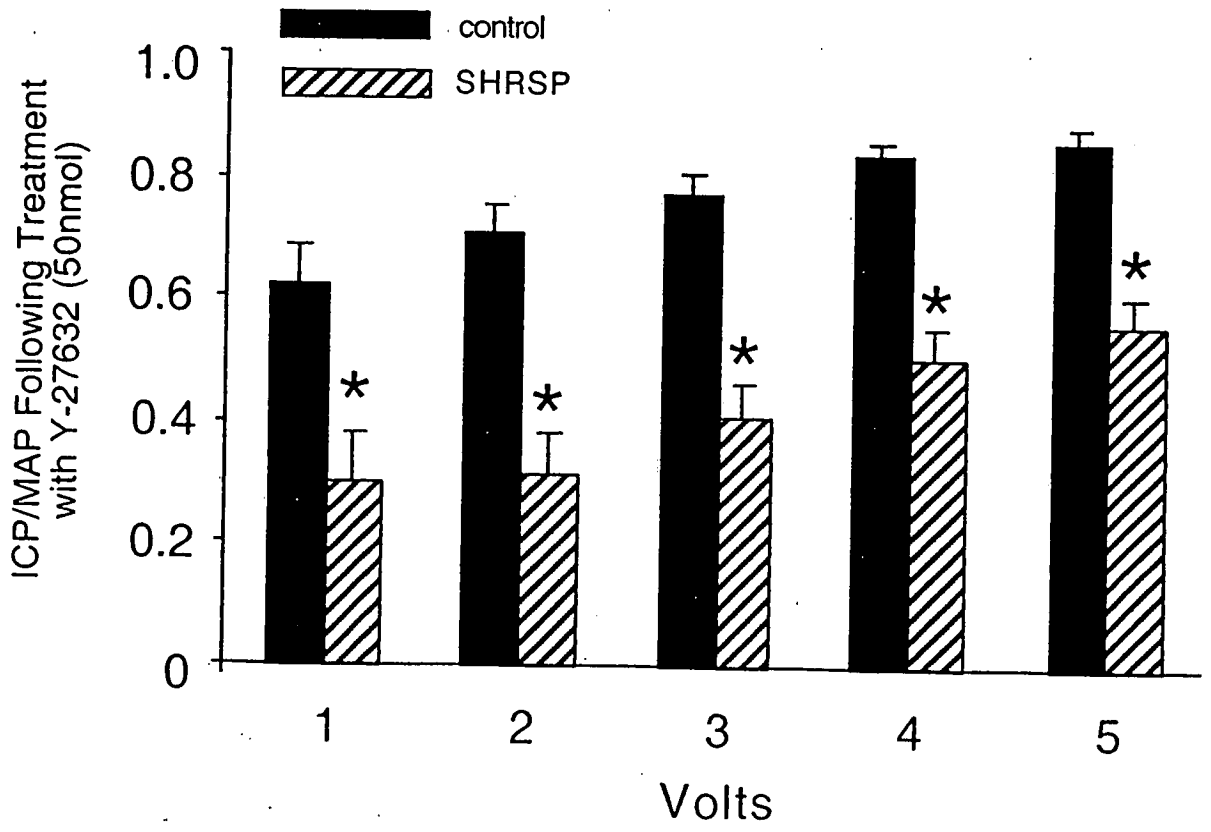

FIG. 10D

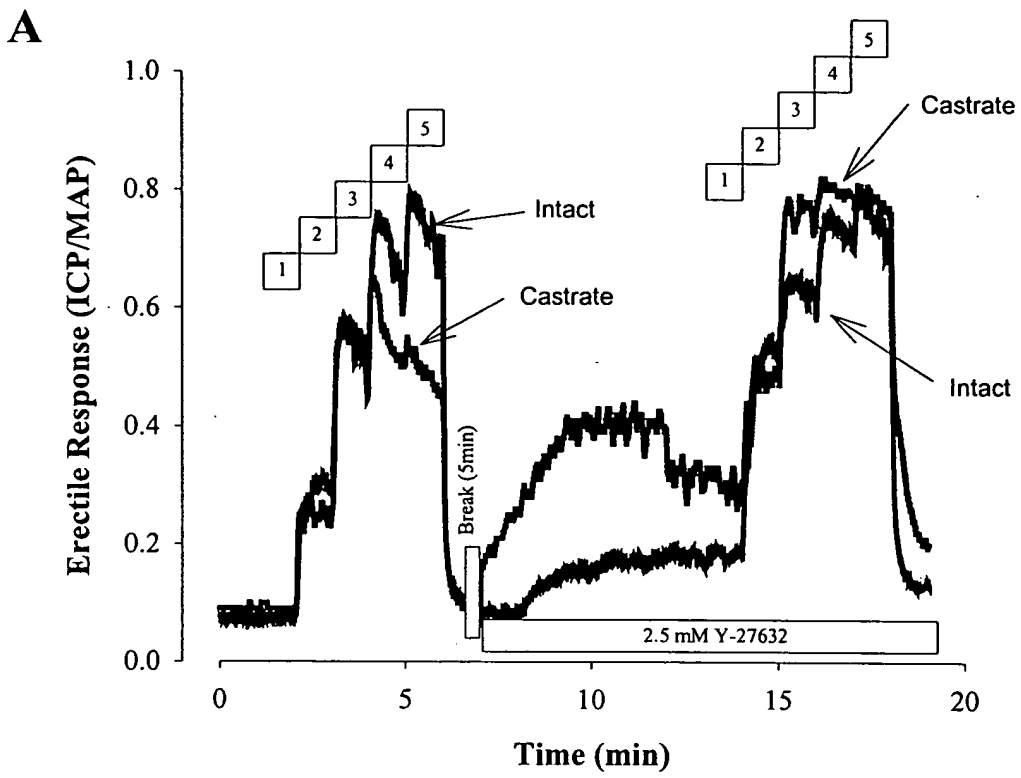

FIG. 11A

B

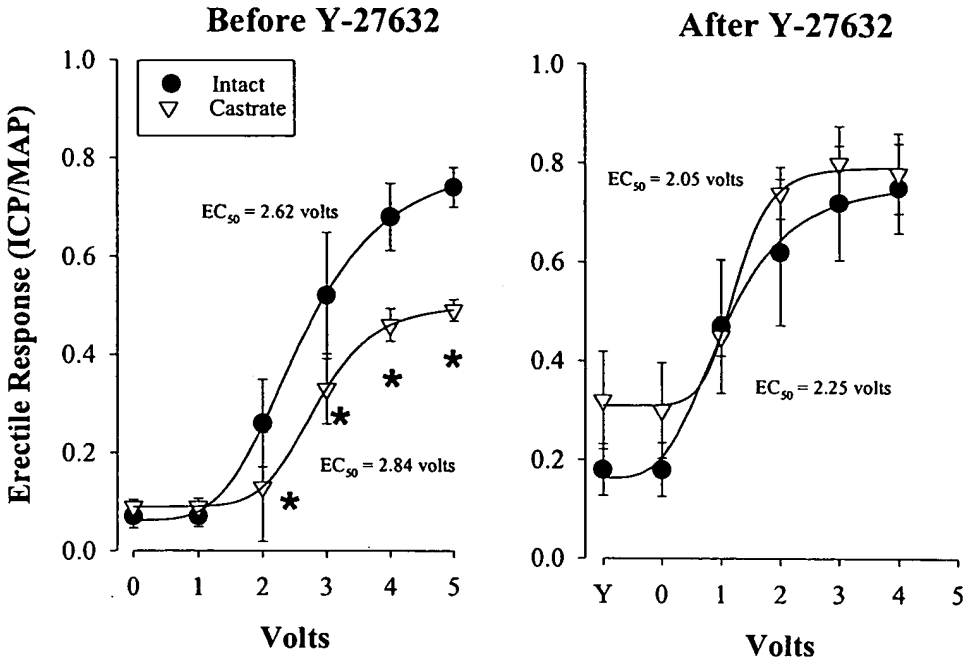

FIG. 11B